L	Hits	Search Text	DB	Time stamp
Number	ļ <u>.</u>			0001100
3	6	(session near2 state) with ((multiple or plurality or secondary or back\$lup) near2	USPAT; US-PGPUB;	2004/06/09 13:02
_		stor\$3)	DERWENT	
4	813	1 ' * ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2004/06/09
		information) near3 ((multiple or	US-PGPUB;	13:15
		secondary or second or back\$1up) near2	DERWENT	
<u>-</u>	_	(storage or memory))		
5	6		USPAT;	2004/06/09
		information) near3 ((multiple or	US-PGPUB;	13:03
		secondary or second or back\$1up) near2	DERWENT	
	•	(storage or memory))) and 725/\$.ccls.		
6	1		USPAT;	2004/06/09
		(replicat\$4 or copy\$3) near3 (data or	US-PGPUB;	13:16
		information) near3 ((multiple or	DERWENT	
		secondary or second or back\$1up) near2		
_		(storage or memory))		
7	689		USPAT;	2004/06/09
		information or (control\$linformation))	US-PGPUB;	13:16
		near3 ((multiple or secondary or second)	DERWENT	
_		near2 (storage or memory))	l	
8	26	1 ` * ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	USPAT;	2004/06/09
		information or (control\$linformation))	US-PGPUB;	13:17
		near3 ((multiple or secondary or second)	DERWENT	1
		near2 (storage or memory)) with (failure		
		or fail or fail\$1safe or fail\$1over)		0004/05/00
9	600	manag\$5 near4 (controll\$3) near3	USPAT;	2004/06/09
		(distribut\$5 or parallel\$4)	US-PGPUB;	14:43
10	١ ,	/	DERWENT	2004/06/00
10	3	1 (USPAT;	2004/06/09
		(distribut\$5 or parallel\$4)) and	US-PGPUB;	14:37
11	24	714/10-13.ccls. (manag\$5 near4 (controll\$3) near3	DERWENT USPAT;	2004/06/09
11	24	(distribut\$5 or parallel\$4)) and	US-PGPUB;	14:37
	1	714/\$.ccls.	DERWENT	14.37
12	30	manag\$5 near4 (controll\$3) near3	USPAT;	2004/06/09
**	""	(stand\$1by or hot\$1stand\$1by)	US-PGPUB;	14:43
		(Scanafing of most instanta in the second of	DERWENT	1
_	7691	725/\$.ccls.	USPAT;	2004/06/07
			US-PGPUB;	12:07
			DERWENT	
_	380	725/91,92,94.ccls.	USPAT;	2004/06/07
			US-PGPUB;	12:08
			DERWENT	
-	492	head near2 end near2 controll\$3	USPAT;	2004/06/07
			US-PGPUB;	12:30
			DERWENT	
-	4	1 ' '	USPAT;	2004/06/07
		near2 control1\$3)	US-PGPUB;	12:11
	İ		DERWENT	
_	123	• •	USPAT;	2004/06/07
	1	control1\$3)	US-PGPUB;	12:11
	_	[, , , , , , , , , , , , , , , , , , ,	DERWENT	1
-	8	(head near2 end near2 controll\$3) with	USPAT;	2004/06/07
	1	(redundant or redundanc\$3 or back\$1up or	US-PGPUB;	14:34
] 35343	backing\$1up or fail\$1safe or failure\$1)	DERWENT	2004/06/07
_	35241	(controll\$3) with (redundant or	USPAT;	2004/06/07
	1	redundanc\$3 or back\$1up or backing\$1up or	US-PGPUB;	16:51
	10	fail\$1safe or failure\$1)	DERWENT	1 2004/06/07
-	19	((controll\$3) with (redundant or	USPAT;	2004/06/07 12:49
	[redundanc\$3 or back\$1up or backing\$1up or fail\$1safe or failure\$1)) and	US-PGPUB;	12.43
		725/91,92,94.ccls.	DERWENT	
_	152		USPAT;	2004/06/07
	132	redundanc\$3 or back\$1up or backing\$1up or	US-PGPUB;	12:49
		fail\$1safe or failure\$1)) and 725/\$.ccls.	DERWENT	*****
	1	Lully Idale Of Talluley1), and 720/4.CCIS.	271/41/14 1	L

-	133	<pre>(((controll\$3) with (redundant or redundanc\$3 or back\$1up or backing\$1up or fail\$1safe or failure\$1)) and 725/\$.ccls.) not ((controll\$3) with (redundant or</pre>	USPAT; US-PGPUB; DERWENT	2004/06/07 12:51
		redundanc\$3 or back\$lup or backing\$lup or fail\$1safe or failure\$1)) and 725/91,92,94.ccls.)		
-	42	((((controll\$3) with (redundant or redundanc\$3 or back\$1up or backing\$1up or fail\$1safe or failure\$1)) and 725/\$.ccls.) not (((controll\$3) with (redundant or redundanc\$3 or back\$1up or backing\$1up or fail\$1safe or failure\$1)) and 725/91,92,94.ccls.)) and (head\$1end\$1)	USPAT; US-PGPUB; DERWENT	2004/06/07 12:51
-	1	5892910.pn.	USPAT	2004/06/07 13:09
_	1	5892915.pn.	USPAT	2004/06/07
_	1	6002687.pn.	USPAT	2004/06/07
-	0	200060866.URPN.	USPAT	2004/06/07 13:26
_	162	diva.as.	USPAT; US-PGPUB; DERWENT	2004/06/07 14:34
-	13	diva.as. and (fault or tolerant or back\$3up)	USPAT; US-PGPUB; DERWENT	2004/06/07 16:49
_	2	5,996,086.pn.	USPAT; US-PGPUB; DERWENT	2004/06/07 14:41
-	2	5892913.pn.	USPAT; US-PGPUB; DERWENT	2004/06/07 14:44
_	2	4491968.pn.	USPAT; US-PGPUB; DERWENT	2004/06/07 14:44
-	3	4413229.pn.	USPAT; US-PGPUB; DERWENT	2004/06/07 14:45
_	2	5946372.pn.	USPAT; US-PGPUB; DERWENT	2004/06/07 14:46
-	2	5978565.pn.	USPAT; US-PGPUB; DERWENT	2004/06/07 14:46
-	1		USPAT	2004/06/07 14:49
-	21	("4888691" "5220653" "5446855" "5603063" "5617425" "5644786" "5671377" "5694615" "5737549" "5742599" "5790775" "5815662" "5862313" "5862403" "5892913"	USPAT	2004/06/07 14:51
		"5922077" "5923839" "5996014" "6000020" "6070251" "6076105").PN.		
-	1151	714/10-13.ccls.	USPAT; US-PGPUB; DERWENT	2004/06/07 17:38
-	304	714/10-13.ccls. and ((controll\$3) with (redundant or redundanc\$3 or back\$1up or backing\$1up or fail\$1safe or failure\$1))	USPAT; US-PGPUB; DERWENT	2004/06/07 16:51
-	41	(714/10-13.ccls. and ((controll\$3) with (redundant or redundanc\$3 or back\$1up or backing\$1up or fail\$1safe or failure\$1))) and (VOD or video or on\$1demand or CATV)	USPAT; US-PGPUB; DERWENT	2004/06/07 17:34
_	2	6604224.pn.	USPAT; US-PGPUB; DERWENT	2004/06/07 17:34
-	7	("5473362" "5579527" "5671377" "5864682" "6128467" "6275507" "6438140").PN.	USPAT	2004/06/07 17:37

-	191	714/10-13.ccls. and ((fault or tolerant	USPAT;	2004/06/07
		or tolerance or back\$lup or backing\$lup	US-PGPUB;	17:44
ĺ		or fail\$lover or fail\$lsafe) with	DERWENT	1
		(controller\$1))		
-	29	(714/10-13.ccls. and ((fault or tolerant	USPAT;	2004/06/07
		or tolerance or back\$1up or backing\$1up	US-PGPUB;	17:39
		or fail\$lover or fail\$lsafe) with	DERWENT	
		(controller\$1))) and (catv or video or		
		on\$1demand)		
_	162	(714/10-13.ccls. and ((fault or tolerant	USPAT;	2004/06/08
		or tolerance or back\$lup or backing\$lup	US-PGPUB;	08:02
		or fail\$lover or fail\$lsafe) with	DERWENT	
		(controller\$1))) not ((714/10-13.ccls.		i
		and ((fault or tolerant or tolerance or		
		back\$lup or backing\$lup or fail\$lover or		
		fail\$1safe) with (controller\$1))) and	i	
		(catv or video or on\$1demand))		
-	5		USPAT;	2004/06/08
	1	with (controller\$1))	US-PGPUB;	08:06
	1	1	DERWENT	
_	0	725/\$.ccls. and ((secondary) with	USPAT;	2004/06/08
	1	(head\$1end near2 controller\$1))	US-PGPUB;	08:07
	1		DERWENT	
_	60	725/\$.ccls. and ((secondary) with	USPAT;	2004/06/08
		(controller\$1))	US-PGPUB;	08:14
	1	\	DERWENT	
_	26	725/\$.ccls. and ((back\$lup or	USPAT;	2004/06/08
		backing\$lup) with (controller\$1))	US-PGPUB;	08:26
1	1	, , , , , , , , , , , , , , , , , , ,	DERWENT	
_	28	725/\$.ccls. and ((redundant) with	USPAT;	2004/06/08
	-~	(controller\$1))	US-PGPUB;	08:32
	1	[`'	DERWENT	
_	l 0	725/\$.ccls. and ((redundant) with	USPAT;	2004/06/08
	1	(head\$1end near2 manag\$5))	US-PGPUB;	08:33
	1] · · · · · · · · · · · · · · · · · · ·	DERWENT	
_	l 0	725/\$.ccls. and ((back\$1up or	USPAT;	2004/06/08
	1	backing\$1up) with (head\$1end near2	US-PGPUB;	08:33
		manag\$5))	DERWENT	
_	4		USPAT;	2004/06/08
1	1	with (head\$1end near2 manag\$5))	US-PGPUB;	08:35
	1		DERWENT	
-	0	725/\$.ccls. and ((fail\$1safe or	USPAT;	2004/06/08
	1	fail\$lover) with (head\$lend near2	US-PGPUB;	08:36
	1	manag\$5))	DERWENT	
-	0	,	USPAT;	2004/06/08
	1	fail\$lover) with (manag\$5))	US-PGPUB;	11:23
		, , , , , , , , , , , , , , , , , , , ,	DERWENT	
-	5	725/\$.ccls. and ((fail\$1safe or	USPAT;	2004/06/08
	1	fail\$lover) with (controll\$3))	US-PGPUB;	13:21
-			DERWENT	
_	2	5,790,176.pn.	USPAT;	2004/06/08
	_	, , , , , , , , , , , , , , , , , , ,	US-PGPUB;	16:07
			DERWENT	
	2	5892910.pn.	USPAT;	2004/06/08
	~		US-PGPUB;	17:42
			DERWENT	
_	8	(non\$1distribut\$3 near2 manag\$4)	USPAT;	2004/06/09
	ľ	,,,	US-PGPUB;	14:29
			DERWENT	
L	<u> </u>	l		I

L	Hits	Search Text	DB	Time stamp
Number_				
+	4218	725/\$.ccls.	USPAT	2004/06/02 16:15
-	478186	redundant or alternate	USPAT;	2003/12/04
			US-PGPUB; EPO	08:22
-	1096	725/\$.ccls. and (redundant or alternate)	USPAT;	2003/12/04
			US-PGPUB; EPO	08:23
=	141	(725/\$.ccls. and (redundant or	USPAT;	2003/12/02
		alternate)) and (backup or fail\$1safe or fault\$1toleran\$)	US-PGPUB; EPO	17:46
_	127	((725/\$.ccls. and (redundant or	USPAT;	2003/12/02
		<pre>alternate)) and (backup or fail\$1safe or fault\$1toleran\$)) and cable</pre>	US-PGPUB; EPO	17:47
-	121	(((725/\$.ccls. and (redundant or	USPAT;	2003/12/02
		alternate)) and (backup or fail\$1safe or fault\$1toleran\$)) and cable) and video	US-PGPUB; EPO	17:47
-	22	((((725/\$.ccls. and (redundant or	USPAT;	2003/12/02
		<pre>alternate)) and (backup or fail\$1safe or fault\$1toleran\$)) and cable) and video)</pre>	US-PGPUB; EPO	18:05
		and on\$1demand		
-	3	(((((725/\$.ccls. and (redundant or alternate)) and (backup or fail\$1safe or	USPAT	2003/12/02 17:58
		fault\$1toleran\$)) and cable) and video)		17.55
,		and on\$1demand) and (backup adj6 server\$2)		
-	3	(((((725/\$.ccls. and (redundant or	USPAT;	2003/12/02
		alternate)) and (backup or fail\$1safe or fault\$1toleran\$)) and cable) and video)	US-PGPUB; EPO;	17:58
		and on\$1demand) and (backup adj6	DERWENT;	
_	73	server\$2) ("3600522" "4162377" "4191860"	IBM_TDB USPAT	2003/12/03
		"4313035" "4506387" "4554418" "4598367" "4611094" "4611096"		12:47
		"4656651" "4677552" "4756020"		
		"4757267" "4763191" "4763353" "4769834" "4788718" "4817129"		
		"4827500" "4879743" "4893335"		
		"4899373" "4922519" "4926471" "4942616" "4943995" "4949187"		
		"4953203" "4963995" "4996704"		
		"5018191" "5027384" "5027400" "5029196" "5029199" "5033079"		
		"5046183" "5057932" "5109405"		
		"5130792" "5132992" "5133004" "5133079" "5153907" "5182766"		
		"5193110" "5206899" "5206901"		
		"5208848" "5212727" "5222120" "5222122" "5222125" "5241588"		
		"5247347" "5247571" "5253275"		
		"5272748" "5278889" "5329308" "5329572" "5353331" "5373316"		
		"5383112" "5392402" "5396546"		
		"5410343" "5418844" "5459779" "5467390" "5469500" "5473679"		
		"5487103").PN.		0000/10/00
-	1	6594699.pn.	USPAT; US-PGPUB;	2003/12/02 18:06
		5000010	EPO	
-	1	5892910.pn.	USPAT; US-PGPUB;	2003/12/02 18:06
_	3	"6279120"	EPO	
-	3	"6378129"	USPAT	2003/12/03 12:47
-	1	6378129.pn.	USPAT	2003/12/03
-	8	("5414455" "5426774" "5442389"	USPAT	13:51 2003/12/03
		"5513314" "5583561" "5592626"		12:50
		"5870553" "6085253").PN.	J	<u> </u>

		1705 /01		1 0000 (10 (00
_	86	725/91.ccls.	USPAT	2003/12/03 14:00
-	67570	backup or fail\$1safe or fault\$1toleran\$	USPAT; US-PGPUB;	2003/12/03
İ			EPO	13.33
-	4	725/91.ccls. and (backup or fail\$1safe or	USPAT;	2003/12/03
		fault\$1toleran\$)	US-PGPUB; EPO	13:54
-	141	725/92.ccls.	USPAT	2003/12/03
_	23	725/92.ccls. and (backup or fail\$1safe or	USPAT	2003/12/03
_		fault\$1toleran\$)	, rabam.	14:00
_	0	725/\$.ccls. and (redundant.ab or alternate.ab or back\$lup.ab)	USPAT; US-PGPUB;	2003/12/04
	8	5892910.URPN.	EPO USPAT	2002/12/04
_	°	3892910.0RPN.	USPAT	2003/12/04
-	28	("3803491" "4079452" "4245245" "4533948" "4638356" "4677685"	USPAT	2003/12/04 09:15
		"4689619" "4710955" "4712239" "4755995" "4766534" "5003591"		
		"5054911" "5058160" "5142528"		
		"5142680" "5155837" "5225902" "5261055" "5280627" "5359730"		
		"5367571" "5410703" "5440632"		
		"5555418" "5559549" "5598410" "5600364").PN.		
-	2	6378129.URPN.	USPAT	2003/12/04 09:17
_	0	\ \	USPAT	2003/12/04
_	0	or video\$1on\$1demand) ("hot stand by")	USPAT	09:18
				09:18
_	67	("hot stand-by")	USPAT	2003/12/04 09:18
-	8	(("hot stand-by")) and (video)	USPAT	2003/12/04 09:43
-	21713	714/\$.ccls.	USPAT	2003/12/04 09:43
-	1	((("hot stand-by")) and 714/\$.ccls.) and video	USPAT	2003/12/04 09:56
-	17		USPAT	2003/12/08 09:31
-	14	((("hot stand-by")) and 714/\$.ccls.) and	USPAT	2003/12/08
		((replicat\$ or duplicat\$ or second\$) near "5" (play\$1list or playlist or order or		09:33
_	4	play\$1out)) nishio.in. and 725/\$.ccls.	USPAT	2004/05/18
				09:25
-	109	(video near2 server\$3) near3 (plurality or multipl\$5) and 725/\$.ccls.	USPAT	2004/05/18
-	62	(video near2 server\$3) near3 (plurality	USPAT	2004/05/18
_	3	or multip1\$5) and 725/90-95.ccls. (video near2 server\$3) near3 (plurality	USPAT	09:31 2004/05/18
		or multipl\$5) same (redundan\$4) and		09:31
-	244	725/90-95.ccls. 725/91,92,94.ccls.	USPAT	2004/05/23
	73	(controller\$1) same (stream near3	USPAT	11:40 2004/05/23
		server\$1)		10:43
-	7	725/91,92,94.ccls. and ((controller\$1) same (stream near3 server\$1))	USPAT	2004/05/23
_	7154	(controller\$1) same ((stream near3	USPAT	2004/05/23
		server\$1) or (video near3 server\$1) or server\$1)		10:44
-	77	725/91,92,94.ccls. and ((controller\$1)	USPAT	2004/05/23
		same ((stream near3 server\$1) or (video near3 server\$1) or server\$1))		10:44
-	90		USPAT	2004/05/23
		Teaminguis)	L	10:53

-	43	((controller\$1) same ((stream near3 server\$1) or (video near3 server\$1) or	USPAT	2004/05/23 10:45
		server\$1)) and (725/91,92,94.ccls. and (back\$1up\$3 or redundan\$5))		
-	78430	(plurality or multiple or "more than one"	USPAT	2004/05/23
		or primary or first or secondary or		11:10
1_	62	second) near5 (controller\$1) ((plurality or multiple or "more than	USPAT	2004/05/23
	02	one" or primary or first or secondary or	OSPAI	10:49
		second) near5 (controller\$1)) and		
	33	725/91,92,94.ccls. (((plurality or multiple or "more than	USPAT	2004/05/23
	33	one" or primary or first or secondary or	OSFAI	10:53
		second) near5 (controller\$1)) and		
		725/91,92,94.ccls.) and (back\$1up\$3 or redundan\$5)		
_	334	725/91-94.ccls.	USPAT	2004/05/23
				11:00
_	98	725/91-94.ccls. and ((controller\$1) same ((stream near3 server\$1) or (video near3	USPAT	2004/05/23
		server\$1) or server\$1))		11.00
-	50		USPAT	2004/05/23
		((stream near3 server\$1) or (video near3 server\$1) or server\$1))) and ((plurality		11:00
		or multiple or "more than one" or primary		
		or first or secondary or second) near5		
	2011	(controller\$1)) ((plurality or multiple or "more than	USPAT	2004/05/23
	2011	one" or primary or first or secondary or	OSTAI	11:36
		second) near5 (controller\$1)) and		
		((back\$1up or redundan\$5) near5 (controller\$1))		
_	5	725/91-94.ccls. and (((plurality or	USPAT	2004/05/23
		multiple or "more than one" or primary or		11:10
		<pre>first or secondary or second) near5 (controller\$1)) and ((back\$1up or</pre>		
		redundan\$5) near5 (controller\$1)))		
-	492	((plurality or multiple or "more than	USPAT	2004/05/23
		one" or primary or first or secondary or second) near5 (controller\$1)) and (fail\$4		11:36
		with ((back\$1up or redundan\$5) near5		
	4	(controller\$1))) (((plurality or multiple or "more than	USPAT	2004/05/23
-	"	one" or primary or first or secondary or	USPAI	11:37
		second) near5 (controller\$1)) and (fail\$4		
		<pre>with ((back\$1up or redundan\$5) near5 (controller\$1)))) and 725/91-94.ccls.</pre>		
-	60	725/91,92,94.ccls. and (HFC or	USPAT	2004/05/24
		bi\$1direct\$6)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	07:47
-	244	725/91,92,94.ccls.	USPAT	2004/05/24 07:48
-	140993	(plurality or multiple or first or	USPAT;	2004/05/24
		primary or second or secondary or	US-PGPUB;	07:49
		back\$1up or redundant) near3 (server\$2 or manag\$3 or controller)	DERWENT	
-	140	725/91,92,94.ccls. and ((plurality or	USPAT;	2004/05/24
		multiple or first or primary or second or	US-PGPUB;	09:12
		secondary or back\$1up or redundant) near3 (server\$2 or manag\$3 or controller))	DERWENT	
-	11	("5414425" "5414455" "5426774"	USPAT	2004/05/24
		"5442389" "5513314" "5583561" "5592626" "5638443" "5729539"		08:01
		"5982722" "6005600").PN.		
-	1	725/\$.ccls. and ((fault near3 toleran\$4)	USPAT;	2004/05/24
		near5 (VOD))	US-PGPUB; DERWENT	12:15
-	3	725/\$.ccls. and ((redundan\$3) near5	USPAT;	2004/05/24
		(VOD))	US-PGPUB;	09:38
_	6	725/\$.ccls. and ((redundan\$3 or multiple	DERWENT USPAT;	2004/05/24
		or second or secondary or back\$1up) near5	US-PGPUB;	09:38
		(session near2 control\$4))	DERWENT	

Search History 6/9/04 3:46:24 PM Page 3

-	
- 0 714/\$.ccls. and ((fault near3 toleran\$4) USPAT; 2004/05/2 12:15 DERWENT USPAT 2004/05/2 12:15 DERWENT USPAT 2004/05/2 12:15 DERWENT USPAT 2004/05/2 12:15 DERWENT USPAT 2004/05/2 12:27 2004/05/2 12:28 2004/05/2 12:28 2004/05/2 12:28 2004/05/2 12:31 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 2004	
- 0 714/\$.ccls. and ((fault near3 toleran\$4) USPAT; US-PGPUB; US-PAT; USPAT 2004/05/2 12:28 - 274 714/7.ccls. and (back\$1up or redundant or secondary) USPAT 2004/05/2 12:38 - 275/91-94,87,103.ccls. USPAT 2004/05/2 12:31 - 12 725/91-94,87,103.ccls. and ((back\$1up or secondary) near4 (manag\$3 or computer or contoller)) - 5 714/7.ccls. and (vod or on\$1demand) USPAT 2004/05/2 12:32 - 116 714/\$.ccls. and (vod or on\$1demand) USPAT 2004/05/2 12:50 - 116 714/\$.ccls. and ((back\$1up or secondary) near4 (controller\$2)) and (vod or on\$1demand\$3) - 410 714/\$.ccls. and ((back\$1up or secondary) near4 (controller\$2)) and (vod or on\$1demand\$3) - 824 714/4.ccls. USPAT 2004/05/2 13:15 - 824 714/4.ccls. and ((back\$1up or secondary) near4 (controller\$2)) and (vod or on\$1demand\$3) - 1028 714/4.ccls. USPAT 2004/05/2 13:15 - 1830 714/4.ccls. and (VOD or discovision) USPAT 2004/05/2 13:15 - 1028 714/6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 104/4.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 104/4.ccls. and discovision.as. USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and discovision.as. USPAT 2004/05/2 13:36	·
- 36 714/\$.ccls. and 725/\$.ccls. 388 714/7.ccls. 714/7.ccls. 714/7.ccls. 274 714/7.ccls. and (back\$lup or redundant or secondary) 725/91-94,87,103.ccls. 12 725/91-94,87,103.ccls. and ((back\$lup or secondary) are contoller)) 714/7.ccls. and (vod or on\$ldemand) 12 725/91-94,87,103.ccls. and ((back\$lup or secondary) near4 (manag\$3 or computer or contoller)) 714/7.ccls. and (vod or on\$ldemand) 12 714/\$.ccls. and (vod or on\$ldemand) 13 2004/05/2 12 2004/05/2 12 2004/05/2 12 2004/05/2 12 2004/05/2 12 2004/05/2 12 2004/05/2 13 2004	1
- 388 714/7.ccls.	1
- 274 714/7.ccls. and (back\$lup or redundant or secondary) 725/91-94,87,103.ccls. USPAT 2004/05/2 12:31 - 12 725/91-94,87,103.ccls. and ((back\$lup or secondary) near4 (manag\$3 or computer or contoller)) - 5 714/7.ccls. and (vod or on\$1demand) USPAT 2004/05/2 12:50 - 116 714/\$.ccls. and (vod or on\$1demand) USPAT 2004/05/2 12:50 - 410 714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2)) USPAT 2004/05/2 13:00 - 410 714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2)) USPAT 2004/05/2 13:00 - 4 (714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2)) USPAT 2004/05/2 13:15 - 824 714/4.ccls. USPAT 2004/05/2 13:15 - 1830 714/4,6.ccls. USPAT 2004/05/2 13:15 - 16 714/4,6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:34 - 1028 714/6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 0 (secondary near3 controller) and USPAT 2004/05/2 13:36 - 0 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36	4
- 475 725/91-94,87,103.ccls. USPAT 2004/05/2 12:31 - 12 725/91-94,87,103.ccls. and ((back\$lup or secondary) near4 (manag\$3 or computer or contoller)) - 5714/7.ccls. and (vod or on\$1demand) USPAT 2004/05/2 12:50 - 116 714/\$.ccls. and (vod or on\$1demand) USPAT 2004/05/2 13:00 - 410 714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2)) - 4 (714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2)) and (vod or on\$1demand) USPAT 2004/05/2 13:00 - 4 (714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2)) and (vod or on\$1demand\$3) - 824 714/4.ccls. USPAT 2004/05/2 13:15 - 1830 714/4.6.ccls. USPAT 2004/05/2 13:15 - 16 714/4,6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:15 - 1028 714/6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 56 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:35 - 0 (secondary near3 controller) and USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36	4
12 725/91-94,87,103.ccls. and ((back\$lup or secondary) near4 (manag\$3 or computer or contoller) 12:32 12:35 12:30 12:32 12:30 12:32 12:30 12:30 12:30 12:32 12:30 12:32 12:30 12:32 12:30 12:32 12:30 12:32 12:30 12:32 12:30 12:32 12:30 12:32 12:30 12:32 12:30 12:32	1
- 5 714/7.ccls. and (vod or on\$1demand) USPAT 2004/05/2 12:50 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 13:00 2004/05/2 2004/05/	1
- 116 714/\$.ccls. and (vod or on\$ldemand) USPAT 2004/05/2 13:00 - 410 714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2)) 13:00 - 4 (714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2))) and (vod or on\$ldemand\$3) - 824 714/4.ccls. USPAT 2004/05/2 13:15 - 1830 714/4,6.ccls. USPAT 2004/05/2 13:15 - 16 714/4,6.ccls. USPAT 2004/05/2 13:15 - 1028 714/6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:34 - 1028 714/6.ccls. USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 56 714/6.ccls. and (secondary near3 USPAT 2004/05/2 14:02 - 0 (secondary near3 controller) and discovision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36 - 714/\$.ccls. and controller USPAT 2004/05/2 13:36	4
near4 (controller\$2) 13:00 2004/05/2 13:15 2004/05/2 13:15 2004/05/2 13:15 2004/05/2 13:15 2004/05/2 13:15 2004/05/2 13:15 2004/05/2	1
- 4 (714/\$.ccls. and ((back\$lup or secondary) near4 (controller\$2))) and (vod or on\$1demand\$3) - 824 714/4.ccls 1830 714/4,6.ccls 16 714/4,6.ccls. and (VOD or discovision) - 16 714/4,6.ccls. and (VOD or discovision) - 1028 714/6.ccls 1028 714/6.ccls 103 secondary near3 controller - 104 (secondary near3 controller) - 105 (secondary near3 controller) - 107 (secondary near3 controller) - 1	4
- 824 714/4.ccls. USPAT 2004/05/2 13:15 - 1830 714/4,6.ccls. USPAT 2004/05/2 13:15 - 16 714/4,6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:34 - 1028 714/6.ccls. USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 56 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:35 - 0 (secondary near3 controller) and USPAT 2004/05/2 14:02 - 0 (secondary near3 controller) and USPAT 2004/05/2 13:36 - 12 714/8.ccls. and discoslvision.as. USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and discoslvision.as. USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36	1
- 1830 714/4,6.ccls. 2004/05/2 13:15 - 16 714/4,6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:34 - 1028 714/6.ccls. USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 56 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:35 - 0 (secondary near3 controller) and USPAT 2004/05/2 13:36 - 0 714/%.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 30 (714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 13 0 (714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 14:02	1
- 16 714/4,6.ccls. and (VOD or discovision) USPAT 2004/05/2 13:34 - 1028 714/6.ccls. USPAT 2004/05/2 13:35 - 2113 secondary near3 controller USPAT 2004/05/2 13:35 - 56 714/6.ccls. and (secondary near3 USPAT 2004/05/2 14:02 - 0 (secondary near3 controller) and discovision.as. USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and discovision.as. USPAT 2004/05/2 13:36 - 30 (714/6.ccls. and discovision.as. USPAT 2004/05/2 13:36 - 30 (714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/\$.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 12 714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36 - 13 (714/6.ccls. and (secondary near3 USPAT 2004/05/2 13:36) - 14:02	1
2113 secondary near3 controller	1
13:35	1
controller 14:02 14:02 2004/05/2 13:36 12 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 12 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 12 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 13:3	1
discovision.as. - 0 714/%.ccls. and disco\$lvision.as. 13:36 2004/05/2 13:36 - 12 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 30 (714/6.ccls. and (secondary near3 controller)) and (vod or catv or hfc or network\$3) USPAT 2004/05/2 13:36 2004/05/2 14:02	1
- 12 714/\$.ccls. and disco\$lvision.as. USPAT 2004/05/2 13:36 - 30 (714/6.ccls. and (secondary near3 controller)) and (vod or catv or hfc or network\$3)	
- 30 (714/6.ccls. and (secondary near3 USPAT 2004/05/2 controller)) and (vod or catv or hfc or network\$3)	i
controller)) and (vod or catv or hfc or network\$3)	
251 store3 mary /gassion mary /state or USDAT 2004/05/2	1
data)) Story's heary (session hearz (state of ospar 2004/05/2)	1
- 1 (stor\$3 near4 (session near2 (state or USPAT 2004/05/2 data))) and 725/91-95.ccls. 15:27	1
- 34 (primary or secondary or second or USPAT 2004/05/2 back\$lup or redundant) with (session near3 controller\$1)	7
- 0 (back\$lup or redundan\$4) same (cable) USPAT 2004/05/2 same (network) same (VOD) 10:35	7
95 (cable) same (network) same (VOD) USPAT 2004/05/2	7
- 67 VOD and ((continu\$3) same (video or session\$1 or request\$4 or demand\$3) same (error\$1 or failure\$1 or fail\$3 or interrupt\$3))	7
1 ((duplicat\$4 or replicat\$4 or cop\$4) with ((session near3 state near3 data) or (session near3 (data or information\$2))))	L
and 725/\$.ccls. - 124 (duplicat\$4 or replicat\$4 or cop\$4) with ((session near3 state near3 data) or (session near3 (data or information\$2)))	L

-	126	back\$1up or backing\$1up) with (VOD or	USPAT	2004/06/01 16:11
-	0	on\$ldemand) (replicat\$4 or duplicat\$4 or cop\$3 or back\$lup or backing\$lup) with (VOD or	USPAT	2004/06/01 15:48
-	19	back\$1up or backing\$1up) with (VOD or	USPAT	2004/06/01 15:49
-	22	on\$1demand)) and 725/\$.ccls. (interrupt\$3 or disrupt\$3) with (VOD or on\$1demand)	USPAT	2004/06/01
-	8	(un\$linterrupt\$3 or un\$ldisrupt\$3) with (VOD or on\$ldemand)	USPAT	2004/06/02
-	4284	<pre>(wob of on fidemand) (multipl\$5 or plurality or secondary or back\$lup or backing\$lup or redundan\$5) with ((network\$1 or access\$3) near3 (controller or manager))</pre>	USPAT	2004/06/02 08:57
-	118	<pre>((multipl\$5 or plurality or secondary or back\$1up or backing\$1up or redundan\$5) with ((network\$1 or access\$3) near3</pre>	USPAT	2004/06/02 08:24
-	3643	<pre>(controller or manager))) and 725/\$.ccls. (multipl\$5 or plurality or secondary or back\$1up or backing\$1up or redundan\$5) with ((network\$1 or access\$3) near3 (controller))</pre>	USPAT	2004/06/02
_	96	1 '	USPAT	2004/06/02 09:08
-	43	<pre>((multipl\$5 or plurality or secondary or back\$lup or backing\$lup or redundan\$5) with ((network\$1 or access\$3) near3 (controller))) same (benefit\$1 or advantage\$1)</pre>	USPAT	2004/06/02 10:08
-	9369	<pre>(multipl\$5 or plurality or secondary or back\$lup or backing\$lup or redundan\$5) with ((network\$1 or access\$3) near3 (controller or interfac\$3))</pre>	USPAT	2004/06/02 10:08
-	201	<pre>((multipl\$5 or plurality or secondary or back\$lup or backing\$lup or redundan\$5) with ((network\$1 or access\$3) near3 (controller or interfac\$3))) same (benefit\$1 or advantage\$1)</pre>	USPAT	2004/06/02
-	5		USPAT	2004/06/02 10:28
-	0	<pre>(non\$1distribut\$3 with (manag\$6 or process\$3 or control\$4)) and 725/\$.ccls.</pre>	USPAT	2004/06/02 10:29
-	103		USPAT	2004/06/02 10:36
-	0	(non\$1distribut\$3 with (manag\$6 or process\$3 or control\$4)) same stand\$1by	USPAT	2004/06/02
-	4911	controller with (standby or stand\$1by or back\$1up)	USPAT	2004/06/02 10:36
-	48	· • ·	USPAT	2004/06/02 12:11
-	0	RAID same ((nondistribut\$3 or non\$1distribut\$3) with (controll\$3))	USPAT	2004/06/02
-	14		USPAT	2004/06/02 12:16
-	1	"6496578".PN.	USPAT	2004/06/02 12:14
-	0	725/\$.ccls.	USPAT	2004/06/02 12:16
-	3	398/\$.ccls.	USPAT	2004/06/02 12:17
_	8	(nondistribut\$3 or non\$1distribut\$3) and 379/\$.ccls.	USPAT	2004/06/02 12:18

-	115	(nondistribut\$3 or non\$1distribut\$3) and 709/\$.ccls.	USPAT	2004/06/02 12:19
_	51	((nondistribut\$3 or non\$1distribut\$3) and	USPAT	2004/06/02
		709/\$.ccls.) and video		12:30
-	4912	controller with (standby or stand\$1by or	USPAT	2004/06/02
_	48	back\$lup or backing\$lup) (controller with (standby or stand\$lby or	USPAT	12:32 2004/06/02
	10	back\$lup or backing\$lup)) and 725/\$.ccls.	OSPAI	12:31
_	438	(controller with (standby or stand\$1by or	USPAT	2004/06/02
	3.2	back\$1up or backing\$1up)) and 714/\$.ccls.		12:32
_	32	(controller with (standby or stand\$1by or back\$1up or backing\$1up)) and 714/7.ccls.	USPAT	2004/06/02
_	0		USPAT	2004/06/02
	1	nondistribut\$3)) and 714/7.ccls.		12:35
_	11	controller with (non\$1distribut\$3 or nondistribut\$3)	USPAT	2004/06/02 12:35
_	2	(controller with (non\$1distribut\$3 or	USPAT	2004/06/02
		nondistribut\$3)) and 714/\$.ccls.		12:35
-	461	non\$1distribut\$3 or nondistribut\$3	USPAT	2004/06/02
_	0	(non\$1distribut\$3 or nondistribut\$3) and	USPAT	12:35 2004/06/02
		714/7.ccls.		12:35
-	38	1	USPAT	2004/06/02
_	142	714/\$.ccls. (controller with stand\$1by) and	USPAT	12:42 2004/06/02
	172	714/\$.ccls.	JULAI	13:08
-	1	(back\$1up or stand\$1by) same	USPAT	2004/06/02
_	93	(non\$ldistribut\$3 or nondistribut\$3)	USPAT	13:09 2004/06/02
-	93	(back\$lup or stand\$lby) and (non\$ldistribut\$3)	USPAT	13:30
_	581	(fail\$4) with (cop\$3) with (storage or	USPAT	2004/06/02
	_	memor\$3)		13:33
-	5	(fail\$4) with (cop\$3) with (storage or memor\$3) with (stand\$1by)	USPAT	2004/06/02
-	13	(fail\$4) with (cop\$3) with (storage or	USPAT	2004/06/02
		memor\$3) with (resum\$3)		13:51
-	0	VOD and (hot near2 stand\$1by)	USPAT	2004/06/02 13:52
_	8	(hot near2 stand\$1by) and 725/\$.ccls.	USPAT	2004/06/02
		HEET 221 AH DAY	*****	13:52
-	1	"5513314".PN.	USPAT	2004/06/02
_	13	session near4 data same (network near3	USPAT	2004/06/02
		storage)		16:20
-	21	session near4 data same (network near3 memory)	USPAT	2004/06/02 16:27
-	14	((central\$3 near2 (memory or storage))	USPAT	2004/06/02
		with network) and 725/\$.ccls.		16:34
-	3	((central\$3 near2 (memory or storage or store)) with network) same (session or	USPAT	2004/06/02 16:38
		state) and 709/\$.ccls.		10.50
-	43514	(failure or stand\$1by or hot\$1stand\$1by)	USPAT	2004/06/02
1		with (state or session) with2 (network near4 (store or storage or memory))		16:39
_	4490	((failure or stand\$1by or hot\$1stand\$1by)	USPAT	2004/06/02
		with (state or session) with2 (network		16:39
		near4 (store or storage or memory))) and		
_	500	709/\$.ccls. ((failure or stand\$1by or hot\$1stand\$1by)	USPAT	2004/06/02
		with (state or session) with2 (network		16:39
		near4 (store or storage or memory))) and		
_	17	725/\$.ccls. (failure or stand\$1by or hot\$1stand\$1by)	USPAT	2004/06/02
	''	with (state or session) with (network	ODENI	16:48
		near4 (store or storage or memory))		[
-	3	((failure or stand\$1by or hot\$1stand\$1by)	USPAT	2004/06/02 16:40
		<pre>with (state or session) with (network near4 (store or storage or memory))) and</pre>		70.40
		725/\$.ccls.		
		-		

	T	((failure or stand\$1by or hot\$1stand\$1by)	USPAT	2004/06/02
l ⁻	1		USPAT	16:46
		with (state or session) with (network		10:46
	1	near4 (store or storage or memory))) and		1
	_	709/\$.ccls.		2004/06/02
-	2	1 ,	USPAT	2004/06/02
		with (state or session) with (network		16:46
		near4 (store or storage or memory))) and		İ
		714/\$.ccls.		0004/06/03
-	21	(failure or stand\$1by or hot\$1stand\$1by)	USPAT	2004/06/03
		with (state or session) same (network		07:53
		near4 (store or storage or memory))		0004/05/00
-	224	'	USPAT	2004/06/03
		(back\$lup or failure\$1 or fail\$1safe)		07:56
_	0	((USPAT	2004/06/03
		(back\$lup or failure\$1 or fail\$1safe))		07:54
		and 725/\$.ccls.		1 2224/25/22
-	66	((USPAT	2004/06/03
		(back\$lup or failure\$1 or fail\$1safe))		07:56
	125	and 714/\$.ccls.		0004/06/00
_	135	(network near2 (storage or memory)) with	USPAT	2004/06/03
	١	(back\$lup or failure\$1 or fail\$1safe)		07:59
-	46	((network near2 (storage or memory)) with	USPAT	2004/06/03
		(back\$lup or failure\$1 or fail\$1safe))		07:56
	١	and 714/\$.ccls.		1 2224 (25 (22
_	34	(network near2 (storage or memory)) near2	USPAT	2004/06/03
		(back\$1up or failure\$1 or fail\$1safe)		08:13
-	49	back\$1up with (network adj2 storage)	USPAT	2004/06/03
	1	1, 1,4,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1		08:18
-	0	back\$lup with (record\$1) with (network	USPAT	2004/06/03
	_	adj2 storage)		08:18
_	3	back\$1up with (record\$1) with ((network	USPAT	2004/06/03
		or remote) near2 storage)	***************************************	08:21
-	7	(back\$1up or mirror\$3) with (record\$1)	USPAT	2004/06/03
	1.50	with ((network or remote) near2 storage)		08:24
_	159	(stor\$3 or mirror\$3) with (record\$1) with	USPAT	2004/06/03
		((network or remote) near2 storage)		08:25